CLAIMS:

15

- 1. A surgical fastening device for pinning a surgical filament to a body tissue, comprising:
 - (f) a grasping handle;
- 5 (g) a slender shaft extending from the grasping handle,
 - (h) a compartment configured to contain one or more surgical fasteners;
 - (i) an activatable ejecting mechanism ejecting a surgical fastener from the compartment; and
- (j) a filament dispensing system configured to dispense surgical filament along the shaft so that a fastener grasps the filament when being ejected from the shaft.
 - 2. The surgical fastening device according to Claim 1 wherein the ejecting mechanism is spring mechanism, a hydraulic mechanism or a pneumatic mechanism.
 - 3. The surgical fastening device according to Claim 1 or Claim 2 further comprising a cutter for cutting the filament.
 - 4. The surgical fastening device according to Claim 3 wherein the cutter comprises a blade, a hot wire, or an RF generator.
- 20 5. The surgical fastening device according to any one of the previous claims further comprising a surgical filament.
 - 6. The surgical fastening device according to Claim 5 wherein the filament is a mesh, a ribbon, a strip, a wire, a net or a thread.
- 7. The surgical fastening device according to any one of the previous claims 25 wherein the fasteners are contained in the shaft.
 - 8. The surgical fastening device according to any one of the previous claims further comprising one or more surgical fasteners.
 - 9. The surgical fastening device according to Claim 8 wherein the fasteners comprises a barbed prong extending from a disc.

- 10. The surgical fastening device according to Claim 9 wherein the fasteners comprise two or more barbs.
- 11. The surgical fastening device according to Claim 9 or Claim 10 wherein the fasteners have spring like fins extending from the disc.
- 5 12. The surgical fastening device according to any one of Claims 9 to 11 wherein the fasteners have barbed projections extending from the disc.
 - 13. The surgical fastening device according to Claim 9 wherein the fasteners comprise a helical wire having a first barbed end and a second end attached to a propeller.
- 10 14. The surgical fastening device according to Claim 8 wherein the fasteners comprise a crown from which extend two prongs.
 - 15. The surgical fastening device according to Claim 8 wherein the fasteners comprise a socket configured to receive a rotatable driving rod.
- 16. The surgical fastening device according to Claim 7 further comprising one or more surgical fasteners in the shaft.
 - 17. The surgical fastening device according to Claim 16 wherein the fastener has a ring portion from which extend two barbed prongs.
 - 18. The surgical fastening device according to Claim 16 wherein the fastener has an unconstrained configuration in which the prongs curve outwards from the ring portion and a constrained state in which the prongs are straight and parallel
 - to a longitudinal axis of the ring portion.
 - 19. The surgical fastening device according to Claim 18 wherein the fasteners are maintained in the constrained state in the shaft.
- 20. The surgical fastening device according to any one of the previous claims25 wherein a fastener is pinched so as to grasp the filament when being ejected from the shaft.
 - 21. The surgical fastening device according to any one of claims 1 to 20 wherein a fastener pierces the filament when being ejected from the shaft.

- 22. The surgical fastening device according to any one of Claims 1 to 20 wherein a fastener passes through a hole in the filament when being ejected from the shaft.
- 23. The surgical fastening device according to any one of Claims 1 to 20 wherein notches are formed along edges of the filament and prongs of a fastener enter the notches when being ejected from the shaft.
 - 24. The surgical fastening device according to any one of the previous claims wherein the filament has spaced apart bulges.
- 25. The surgical fastening device according to Claim 7 further comprising a ratchet mechanism preventing movement of fasteners in the shaft towards the grasping handle.
 - 26. The surgical fastening device according to any one of the previous claims wherein the ejecting mechanism is located in the grasping handle.
- 27. The surgical fastening device according to Claim 1 configured to screw a 15 fastener into a body tissue.
 - 28. A surgical fastener for use in the surgical fastening device according to any one of the previous claims.
 - 29. The surgical fastener according to Claim 27 formed from a biodegradable material.
- 20 30. The surgical according to Claim 27 or 28 formed from stainless steel or NitinolTM.
 - 31. A surgical filament for use in the surgical fastening device according to any one of Claims 1 to 24.
- 32. The surgical filament according to Claim 30 made from a biodegradable 25 material.
 - 33. Use of a surgical fastening device according to any one of Claims 1 to 27 for attaching a surgical filament to a body tissue.
 - 34. The surgical fastening device according to any one of Claims 1 to 27 for use in attaching a surgical filament to a body tissue.

- 35. A method for pinning a surgical filament to a first location of body tissue in a body cavity comprising introducing into the body cavity a surgical fastening device according to any one of Claims 1 to 27 into the cavity and ejecting a first surgical fastener from the shaft so as to pin a surgical filament to the first location.
- 36. The method according to Claim 35 further comprising ejecting a second surgical fastener from the shaft so as to pin the filament to a second location of body tissue in the cavity.
- 37. The method according to Claim 36 wherein the filament is stretched taut between the first and second locations before the second fastener is ejected.
 - 38. The method according to Claim 37 for use in the treatment of stress incontinence, inguinal hernia, pelvic organ prolapse, gastroesophageal reflux, laproscopic anastomoses of a tubular organ, and repair of ureteropelvic obstruction.